



PERSONNEL QUALIFICATIONS

Jean J. Wu | Associate Principal and Unit Manager



EXPERIENCE

Jean Wu joined WJE in 2001 and has since been involved in numerous mid-rise and high-rise building facade investigation projects. She has investigated brick masonry walls, EIFS, reinforced concrete structures, terra cotta building facades, windows, curtain walls, and high-rise thin-stone cladding veneer construction. These investigative projects frequently involve field water testing of exterior building components based on standards developed by ASTM International, the American Architectural Manufacturer's Association, and unique procedures developed for specific projects and followed by repair design and construction document preparation. Ms. Wu has also been involved in exterior envelope consulting services of various new construction projects focusing on interface detailing, water penetration, air infiltration, and condensation issues related to the exterior facade elements such as windows, curtain walls, masonry veneer wall system, metal panels, EIFS, precast concrete panels, and roofing systems.

REPRESENTATIVE PROJECTS

Exterior Envelope Consulting

- Alegent Health Hospital Expansion - Omaha, NE: Exterior envelope design review services for multiple hospital expansion projects; construction observation services
- St. Rita Medical Center North Tower Addition - Lima, OH: Construction observation services
- Lumière Place Casino and Hotels - St. Louis, MO: Exterior envelope design review and construction observation services
- University of Pittsburgh Fifth Avenue Freshman Housing - PA: Exterior envelope design review
- Washington University Olin Business School Expansion Project - St. Louis, MO: Exterior envelope design review
- Southeast Louisiana Veterans Health Care System Replacement Medical Center - New Orleans: Exterior envelope design review and construction observation services

Facade Assessment

- 980 N. Michigan (One Magnificent Mile) Building - Chicago, IL: Detailed investigation and documentation of thin granite veneer system
- Mississippi Valley State University, Administration Building - Greenwood, MS: Detailed investigation and documentation of water leakage and building envelope construction
- OSF Healthcare Saint Francis Medical Center - Peoria, IL: Facade assessment and repair design of multiple hospital buildings

Historic Preservation

- Bailey Magnet High School - Jackson, MS: Window replacement design, construction documents, and construction period services
- Wacker Drive Rehabilitation - Chicago, IL: Documentation of historic stone walls and balusters and construction documents
- Pennsylvania State Monument - Gettysburg: Preservation construction documents

Leakage Investigation

- U.S. Environmental Protection Agency Research Facilities - Research Triangle Park, NC: Leakage investigation, field water testing, and repair design
- William P. Hobby Airport - Houston, TX: Leakage investigation, field water testing, and repair design

Repair and Rehabilitation Design

- 199 E. Lake Shore Drive Building - Chicago, IL: Terra cotta facade repair design, construction documents, and construction period services
- Federal Reserve Bank of Chicago Building - IL: Penthouse reclad design and roof replacement, construction documents, and construction period services
- Bassett Hospital Complex - Cooperstown, NY: Window replacement design, masonry parapet repair design, roof replacement design, construction documents, and construction period services

EDUCATION

- University of Illinois at Urbana-Champaign
 - Bachelor of Science, Architecture, 2000
 - Master of Architecture, Structures Option, 2003

PRACTICE AREAS

- Facade Assessment
- Construction Observation
- Exterior Envelope Consulting
- Historic Preservation
- Leakage Investigation
- Roofing and Waterproofing
- Repair and Rehabilitation Design

REGISTRATIONS

- Architect in IL

PROFESSIONAL AFFILIATIONS

- American Architectural Manufacturer's Association
- ASTM International

CONTACT

jwu@wje.com
847.272.7400
www.wje.com